

Effect of Log Size, Shape and Quality, and
the Sawing Schedule on the Sawing result,
by F. E. ~~XXXX~~ Siimes.

FINNISH, per, Paperi ja Pui, No 1, 1962,
pp 3-16.

NRC/Ref: C-3975

Sci- M & M
Mar 63

225,329

63-10066

Mederveen, G. van.
THE BEATING OF PULP BY MEANS OF LABORATORY
APPARATUS. Nov 62, 10p. (figs. omitted).
Order from SIA \$1.10 63-10066

I. Mederveen, G. van

Trans. of Paperi ja Puu (Finland) 1962, v. 44, no. 4a,
p. 159-162, 167-172.

DESCRIPTORS: *Sulfate pulp, *Wood pulp, *Paper,
Processing, Laboratory equipment, Operation,
Physical properties, Microscopy.

(Materials--Paper, TT, v. 9, no. 11)

Office of Technical Services

63-10490

Aaltio, E. A.
THE EFFECT OF HIGHLY BEATEN BIRCH PULP
FRACTION ON THE PROPERTIES OF KRAFT
PAPER. [1962] 6p. (figs. tables [refs.] omitted).
Order from SLA \$1.10

1. Title: Beating
1. Aaltio, E. A.

Trans. of Paperi ja Puu (Finland) 1962, v. 44, no. 4a,
p. 217-222.

DESCRIPTORS: *Wood pulp, *Paper, Sulfate pulp.

(Materials--Paper, TT, v. 10, no. 2)

Office of Technical Services

Liiri, O. and Haavisto, S.
STUDY OF THE SIGNIFICANCE OF PREPRESSING IN
THE MANUFACTURE OF PARTICLE BOARD,
[1963] Sp.
Order from ATS \$10.75 ATS-45069FN

Trans. of Paperi ja Puu (Finland) 1962, v. 44,
no. 9, p. 433-438.

DESCRIPTORS: *Fiberboard, Plywood, *Particles,
Wood, Processing, Paper industry.

(Materials--Paper, T., v. 10, no. 3)

62-1741P

- I. Liiri, O.
- II. Haavisto, S.
- III. ATS-45069FN
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

63-17741

Kovanen, M.
THE ROTARY CUTTING OF VENEER. [1963] 23p.
Order from ATS \$29.75 ATS-44Q69FN

Trans. of Paperi ja Puu (Finland) 1962, v. 44,
no. 9, p. 439-446, 450-457.

DESCRIPTORS: *Plywood, *Cutting tools,
*Rotation, Fiberboard, Sandwich construction.

I. Kovanen, M.
II. ATS-44Q69FN
III. Associated Technical
Services, Inc.,
East Orange, N. J.

(Materials--Wood, TT, v. 10, no. 6)

Office of Technical Services

TT-63-20564

Ryti, N. and Skogman, R.
A CONTRIBUTION OF KNOWLEDGE OF THE
PARCHMENTISING PROCESS USING SULPHURIC ACID
Jul 63 14p (figs omitted) 32refs
Order from SLA \$1.60

TT-63-20564

Trans. of Paperi ja Puu (Finland) 1963 [v. 45]
no. 4a, p. 181-190. (Abstract available).

DESCRIPTORS: *Paper industry, Permeability,
Sulfuric acid, Test methods.

Several previously developed test methods are
evaluated and new ones devised to determine the
suitability of various pulps for parchmentisation and
to investigate the variables in the parchmentising
process. The variables tested are the beating process,
the sulfuric acid concentration and temperature, the
penetration speed and the solution speed for several
(Materials--Paper, TT, v. 11, no. 3) (over)

1. Title: Greaseproofing
2. Title: Parchmentising
process
1. Ryti, N.
11. Skogman, R.

Office of Technical Services

Comparison of the Different Cooking Methods Mainly From
the Point of View of Bleachability, by M.E. Virkola.
FINNISH, per Paperi Ja Puu Vol. 45, No. 9, 1963,
pp 457-459, 462-471, 475-481.
GE 167/4284

Sci -
Sep 67

339-805

NCH-202 982

Field 111.

Nelmo, L.
ACCELERATED HEAT AGING OF CELLULOSE: A
LITERATURE REVIEW. 1965, 8p. ATS-88887FN.
Order from ATS: \$19.85 as ATS-88887FN

Trans. of Paperi ja Puu (Finland) v46 p7-9, 11-4 1964.

L. Associated Technical
Services, Inc.,
East Orange, N. J.

The Perfumes in Papertrade and Pasteboard
Manufacture, 4 p.

FRENCH, per, la Papeterie, 1926, pp 722, 725;
pp 769-770; pp 821-822; pp 917-918 and p 921.

SLA 59-120066

Sci
Mar 60
Vol 3, No 1

110, 979

A Process of Cooking With Soda and Sulfur of Wood
for the Extraction of Cellulose, ~~by F. H. H. H.~~ 7 pp.

F. H. H. H., per, Papeterie, Vol LXII, No 12, 1949,
pp 495-497.

SLA 59-15117

Sci
Nov 59
Vol 2, No 3

101,539

Study of the Nicotine Content of Cigaret
Smokes, by J Marchand, J. Renard.
FRENCH, per, la Papeterie, Vol LXXIII,
1951, pp 263-267.
K-H-2169-b

Sci

Apr 67

322,253

Cacheux, P. le.
CONTRIBUTION TO THE THEORY OF BREAKING
STRENGTH OF PAPER AND BOARD. Oct 61, 14p.
(figs. omitted) 1 ref.
Order from SLA \$1.60

61-20898

Trans. of Papeterie (France) 1953, v. 75, no. 10,
p. 659-673.

DESCRIPTOR: *Paper, *Fiberboard, Theory,
Mechanical properties, Test methods, Solids,
Deformation, Elasticity, Measurements, Stresses,
Fibers, Bonding.

(Materials--Paper, TT, v. 7, no. 4)

61-20898

I. Cacheux, P. le

Office of Technical Services

The Problem of Producing Milk in Good Condition,
p/ 3 pp.

FRANCK, per, Papeterie, Jul 1955, p/ 472.

SLA Tr 57-1717

Sci

Jul 58

67,933

57-1718. The Tetra Pak. Papeterie, p.475, July
1955. (4p.)

Problems of Esparto,

FRENCH, par, Papeterie, No 8, 1955, p 527.

ASLIB-QB15

Sci

Aug 59

94,185

Crepe Paper, 6 pp.

FRENCH, per, Papeterie, No 12, Dec 1955, p 803.

SLA Tr 57-578

Sci - Engr

Sep 57

53,140

The Behavior of Ink and Paper During Printing, by
G. Martin, 9 pp.

FRENCH, par, Papeterie, No 12, 1955, p 811.

SIA Tr 57-1734

801

Jul 58

67,949

Continuous Digestion Under Pressure.

FRENCH, per, Papeterie, Apr 1956, p 255.

ASLIB-GB15

Sci

Aug 59

94,184

Loading in Paper and Board, by A. Rattori, 7 pp.

FRENCH, par, Papeterie, Vol LXIX, No 7, 1958,
pp 492-495.

BLA 59-15518

Sec1

Nov 59

Vol 2, No 3

101,519

Technical Processing of Second-Growth
Harvested in the Forest for the Manufacture
of Paper Pulp, by E. Paillet.

ISSUED, per, ~~Enclosure~~, Vol LXXXIV, No 2,
1962, pp 128-133.

WGC/C-4085

Sci-XXXXXXgr

Aug 65

63-10916

I. Martin, G.

Martin, Gerard.
THE INFLUENCE OF THE RELATIVE HUMIDITY
OF AIR ON THE PHYSICAL PROPERTIES OF PAPER
(Influence de l'Humidite Relative de l'Air sur les
Proprietes Physiques du Papier). [1963] [17]p. (foreign
text included).

Order from SLA \$1.60

63-10916

Trans. of [la] Papeterie (France) 1959, v. 81, no. 10,
p. 705, 707, 709, 713, 715, 717.

DESCRIPTORS: *Paper, *Humidity, Air, Mechanical
properties, Moisture, Water, *Absorption (Physical),
Static electricity.

(Materials--Paper, IT, v. 10, no. 3)

Office of Technical Services

Present Tendencies of the Scandinavian Semi-
Chemical Leaf Pulp Industry, by F. A. Abadie-
Maurert.
EUROPEAN, per, Papeterie, Vol 82, 1960, pp 473-
481.
NTC-71-16215-11L

Jan 72

62-20218

1. Title: Work ...

THE CHAPELLE PAPER COMPANY: WORK WITH A
NEW TYPE OF CHIP FOR THE PRODUCTION OF
THEIR CHEMICAL PULP. [1962] [11]p.
Order from SLA \$1.60

62-20218

Trans. of Papeterie (France) 1962, v. 84, no. 1,
p. 26-29.

DESCRIPTORS: *Paper industry, *Wood pulp, Wood
pulp machines, Paper, Industrial production.

(Materials--Paper, TT, v. 9, no. 10)

Office of Technical Services

Maillet, Edgard.

MECHANICAL PROCESSING OF SECOND-GROWTH
HARDWOOD IN THE FOREST FOR THE MANU-
FACTURE OF PAPER PULP. [1962] 16p.
Order from SLA \$1.60

62-20102

62-20102

I. Maillet, E.

NR 010-0013

Trans. of Papeterie (France) 1962, v. 84, no. 2,
p. 128-133.

DESCRIPTOR: *Wood pulp machines, Trees, *Wood
pulp, Processing, *Paper, Manufacturing methods.

(Materials--Wood, TT, v. 9, no. 10)

Office of Technical Services

The Manufacture of Wet Strength Papers by the
Use of Beater Additives with Particular Con-
sideration to the Effects of Polyethyleneimine,
22 pp.

OREMAN, per, Das Papier, No 15/16, Aug 1948,
pp 260-275.

SLA 3280

Sci

Aug 58

71,625

TT-65-13814

Field 11L

Brecht, W.; Bauer, A.
FLY ADHESION OF MULTIPLY PAPERS AND BOARDS.
14p.
Order from SLA: \$1.60 us TT-65-13814

Trans. of das Papier (West Germany) v2 n13/14 p225-8;
n15/16 p258-90 1948.

MR 666

Testing the 900 Flexibility of Packaging
Materials, by E. Liebert.

GERMAN, per, Papier, Vol III, No 19, 20,
1949.

CSIRO

Sci - Ingr
Jul 62

204,916

Disintegration, Conservation and New Formation of
Ordered Structural Areas in Cellulose During
Re-Precipitation, by H. Dolmetsch,

GERMAN, per, Das Papier, Vol XIII, No 3/4, pp 37-44.
1949

S
C.B.I.L.O. 4439
SLA 60-10904

Sci - Biology, Chem

May 60

115,912

Contribution to the Problem of Automatic Consistency
Regulation in Paper Fulp Suspensions, by H. Schoedler,
20 pp.

GERMAN, per, Das Papier, Vol III, 1949, pp 215-
223.

SLA
SA 57-2992

Sci

Aug 58

71,395

Höpfer, Theodor.
DETERMINATION OF CHLORATE-CHLORINE IN
WASTE LIQUORS. [1961] 17p. 7 refs.
Order from SLA \$1.60

62-10999

T. Höpfer, 1.

Trans. of the Paper (West Germany) 1950 [v. 1]
no. 12, p. 249-[251].

DESCRIPTORS: *Black liquor, *Chlorates, *Chlorine,
Determination, Impurities, Chemical impurities,
Reagents, Oxidation, Permanganates.

(Materials - Paper, ET, v. 8, no. 1)

Office of Technical Services

UV Absorption Spectra of Lignin and Lignin-
like Substances, by A. W. Sohn.
CZECH, per, das Papier, Vol 4, 1950,
pp 379-384.
NTC 69-12657-07C

Sci-Chem
Aug 69

389,378

Some Experience in the Use of Melamine Resins in
the Preparation of Wet Strength-papers, by
Luitgard G6rnhardt, 20 pp.

GERMAN, per, Das Papier, Vol V, Nos. 10, 11/12,
1951, pp 209-212, 226-260.

S.L.A. Tr No 207/1955

Sci - Engineering
Jan 1957 CTS/dax

44, 894

Determination of the Polymolecularity of High-Molecular Substances (With Special Reference to Cellulose), by H. A. Wannon, 24 pp.

GERMAN, per, Das Papier, Vol V, No 5/6, 1951, pp 75-83.

SIA Tr 819/1955

Sci - Chem

50, 171

Jul 57

Engelmann, Hermann.
THE DIFFERENT BEHAVIOR OF COTTON LINTERS
AND OF WOOD CELLULOSE DURING ACETYLATION.
20p (3 figs omitted) 18 refs.
Order from SLA \$1.60

TT-64-16368

Trans. of das Papier (West Germany) 1951, v. 5, [no. 9]
p. 149-155.

TT-64-16368

I. Engelmann, H.

(Materials--Paper, TT, v. 12, no. 4)

Office of Technical Services

Ploetz, I[heodor] and Scheuring, L[udwig].
THE APPLICATION OF SODIUM ALUMINATE IN
PAPER MANUFACTURE. II. THE INFLUENCE OF
ALUMINUM SULFATE AND SODIUM ALUMINATE
ADDITION ON THE RETENTION OF PULPS USING
CONSTANT AMOUNTS OF Al_2O_3 . [1964] 16p (2refs
omitted).

Order from SLA \$1.60

TT-64-16042

Trans. of das Papier (West Germany) 1956, v. 10,
no. 9/10, p. 183-189.

(Materials--Paper, TT, v. 12, no. 4)

I. Ploetz, I.
II. Scheuring, L.
III. Title: Influence ...

Office of Technical Services

Kollergang, refiner, curlator, by Walter Brecht,
30 pp.

GERMAN, per, Das Papier, Vol V, no 17/18, 1951,
Pp. 361-371.

S.L.A. Tr 69

Refur - Germany
Scientific - Engineering

32,752

Influence of the Tension-wood Fraction on the
Chemical and Technological Usefulness of Poplar,
by G. Jayme, et al, 18 pp.

GERMAN, per, Das Papier, Vol V, No 19/20, 1951,
pp 411-417.

S.L.A. Tr No 291/1955

Sci - Chemistry
Jan 1957 ER CTS/dex

44, 947

Synthetic Products for the Sizing of Paper
Stock, by O. Hansen, 26 pp.

GERMAN, per, Das Papier, Vol VI, 1952, pp
10-18.

BLA 3301

Sci

Aug 58

71,619

Damage by Fungi to Pulp Wood, by T. Koepner, 7 pp.

GERMAN, per, Das Papier, Vol VI, No 3-4, 1952, pp 47.

SLA 58-521

Sci

Aug 59

94,190

The Digestion of Spruce Wood with Alkaline
Hypodisulfite Solution, by G. Jayne and G.
Wormer, 21 pp.

GERMAN, per, Das Papier, Vol VI, No 5-6,
pp 80-86.

SLA 57-3244

Sci

Aug 58

72,510

Brecht, Walter and Weap, Adam.
A NEW APPARATUS FOR TESTING FOLDING
STRENGTH. [1961] [34]p.
Order from SLA \$3.60

61-20097

Trans. of das Papier (West Germany) 1952, v. 6,
no. 21/22, p. 443-449 and no. 23/24, p. 496-503.

DESCRIPTORS: *Paper, Mechanical properties, Test
equipment.

The range of the pressure folder extends from 20g/m²
to 500 g/m², without reference to the tensile strength.
Its principle as calculated gives a true picture of the
fold strength of the sheet. (Author)

(Materials--Paper, TT, v. 7, no. 1)

61-20097

- I. Title: Schopper fold tester
- I. Brecht, W.
- II. Weap, A.

Office of Technical Services

Basic Investigations into the Origin of
Electric Adhesion in a Stack of Paper,
by H. Lueder. 11p.
GERMAN, per, das Papier, Vol 6, No 23/24,
1952, pp 504-510.
ATS-29689R

Sci-Materials
Oct 66

313,381

Rapid Method For Determining the Mineral Components of Pulp, by E. Moosmüller.
GERMAN, per, das Papier, Vol 6, 1952, pp 523-524.
NYO-69-12799-07B

Sci-Chem
Sept 69

391,142

Fluidized Carbonization, by A. Peytavy, 12 pp.

GERMAN, per, Das Papier, No 25, 1952, pp 1-5.

S.L.A. Tr No 1877

Sci - Chemistry, organic

Apr 57

46,848

Sulphite Cooking With Recycling of Spent
Liquor, by H. Bagglund,

GERMAN, per, Das Papier, Vol VII, No 3-4,
1953, pp 41-46.

SEA

Sci

N.R.C.

Aug 58

Ref. C. 2228

69.812

Degree of Polymerization and Uniformity
of Wood Cellulose, by H. Lang.
GERMAN, per, Das Papier, Vol 7, No 3/4,
1953, pp 52-56.
NTC 69-12655-11L

Sci-Mat
Aug 69

389,471

About Reaction, Swelling and Solubility of Cellulose
in the Solutions of Electrolytes, by Richard Bartunek,
17 pp.

GERMAN, per, das Papier, Vol VII, No 9/10, 1953,
pp 153-158.

SLA 60-116758

Sci

190,241

Apr 68

Vol IV, No 6

Comparative Heating Value of Sulfite and
Sulfate ~~Sulfate~~ Liquors, by H. Sadler,
F. Bellak.
GERMAN, per, das Papier, Vol 7, 1953,
pp 416-424.
NTC 69-12656-111

Sci-mat

AUG 60

380 172

The Shortening of Cellulosic Fibres During Beating,
by H. FENK Corte, 11 pp.

GERMAN, par, das Papier, Vol VIII, No 9-10,
1954, pp 163-172.

SLA 60-14549

Sol
Feb 62
Vol III, No 11

182, 820

A. Simple Color Reaction for the Identification of
Wet Strength Papers Made With Aminoplasts, by
Friedrich Branschoid, Georg Jayas, 20 pp.

GERMAN, per, Das Papier, Vol VIII, 1954, pp 43-48.

S.L.A. Tr ~~REDOX~~
No 292/1955

Sci - Chemistry
Jan 1957 CTS/dex

44,948

Sci 16 8

The Application of Optical Brighteners in the
Paper Industry, by A. E. Siegrist, 14 pp.

GERMAN, per, Das Papier, 5 Apr 1954, pp 109-120.

BIA Tr 2474

Sci - Chem

Sep 57

53,126

Dept of Commerce
Patent Office
Sci Div (847)

Drainage of Pulp Suspensions by Stationary Wires, of
H. Corte, 5 pp.

GERMAN, par, Das Papier, Jun 1954, p 205.

SLA Tr: 57-897

Sci - Engineering
Feb 58

58,499

Microorganisms in Much-handled Library Books and
On Currency Paper, by G. B. Roemer, 4 pp.

GERMAN, per, Das Papier, Vol VIII, 1954, pp 279, 280.

US Dept of Commerce
National Bur of Standards

Sci
Aug 61

169, 869

Stress-Strain Measurement on Paper in Initially Wet
Condition, by W. Brecht, W. Yolk, 12 pp.

GERMAN, per, Das Papier, Vol VIII, No 17/18, 1954,
pp 365-370.

ATS 311296

Sci - Engr
Jul 59
OTS I, 11

G 6/11/38. QTS - 14 - 1040

91,037

Contribution to the Process of Sizing in the Beater
and on the Paper Machine, by J. Waltonback, 14 pp.

GERMAN, per, Das Papier, Vol VIII, No 19/20, Oct 1954,
pp 409-416

SLA Tr 2718

Sci - Engineering
Feb 58

58, 502

Brecht, Walter and Körner, Ludwig.
LABORATORY INVESTIGATIONS ON THE SUIT-
ABILITY OF SOME INSTRUMENTS FOR RAPID
MEASUREMENT OF MOISTURE CONTENT IN PAPER.
C. RAPID DETERMINATION OF MOISTURE CON-
TENT IN PAPER THROUGH DIELECTRIC MEASURE-
MENTS. [1963] 27p. (figs omitted) 16 refs
Order from SLA \$2.60

63-20136

Trans. of das Papier (West Germany) 1954, v. 8,
p. 419-430.

DESCRIPTORS: *Paper, *Moisture, Determination,
Dielectrics, Instrumentation, Wood pulp, Resistance
(Electrical), Measurement

(Materials--Paper, TT, v. 10, no. 11)

63-20136

I. Brecht, W.
II. Körner, L..
III. Title: Rapid...

Office of Technical Services

Analytical Examination of Papers Containing Urea- and
Melamine-Formaldehyde Resins, by F. J. Poschmann, 30 pp.

GERMAN, per, Papier, Vol VIII, 1954, pp 470-479.

SLA 57-1309

'Sci
May 58

SLP
TR 345

64,011

Test Results in Connection With the Identification of
High Strength Papers by a Simple Color Reaction, by
H. Jayne, F. Branschoid, 2 pp.

BERMAN, per, Das Papier, Vol IX, No 3-4, Feb 1955,
pp 51-58.

SIA Tr 2469

Sci - Chem

53,130

Dep 57

Measurement of Whitewater as a Control for
Sizing and Boating, by J. Kaltenbach.

GERMAN, per, Das Papier, Apr 1955, p 170.

ASLIB-GB15

Sci

Aug 58

71,622

The Cooking of Paper, by W. Hreacht, F. Muller, and
H. Weiss, 14 pp.

GERMAN, per, Das Papier, Vol IX, No 7-8, 1955,
pp 133.

SIA Tr 57-1731

Sci

Jul 58

67,937

The Applicability of Model Experiments to
the Design of Head Boxes for Paper and Board
Machines, by W. Muller-Rid, 7 pp.

GERMAN, per, Das Papier, Vol IX No 7/8, 1955,
pp 153-157.

SIA 3432

Sci

Aug 58

71,627

Problem of Pressing Paper Boards in Static Presses,
by M. Mory, 4 pp.

GERMAN, per, Das Papier, Vol XX, No 7/8, 1955,
p 157.

Sci

Aug 58

SLA 57-2877
ASLIE-605
71,393

Simplified Test Method for Foam-Suppressing
Agents in the Paper Industry, by H. Hollander.

GERMAN, per, Das Papier, Vol IX, No 9/10, 1955.
p 220.

ASLIB-GB15

Sci

Aug 58

71, 620

Large Scale Experiments on the Quality Control of
Bag Papers, by F. Rergstaller, R. Krauss, 19 pp.

GERMAN, per, Das Papier, Vol IX, No 11/12, 1955,
p 237.

SLA 57-1438

Sci
May 58

64,003

62-17901

Corte, H. H.

A CONTRIBUTION TO POROSITY ANALYSIS PRESENTED BY MEANS OF A STUDY OF CIGARETTE FILTERS. [1962] 21p.

Order from K-H \$26.25

K-H 3769-a

Trans. of das Papier (West Germany) 1955, v. 9, no. 13/14, p. 290-295.

DESCRIPTORS: *Porosity, *Cigarettes, *Porous filters, Paper.

- I. Corte, H.
- II. K-H-3769-a
- III. Kresge-Hooker Science Library Associates, Detroit, Mich.

(Materials--Paper, TT, v. 8, no. 6)

Office of Technical Services

The Influence of the Tensile Forces during
the Drying of Paper on the Behaviour of
Paper, by W. Brecht and D. Pothmann, 30 pp.

GERMAN, per, Das Papier, Vol IX, No 13-14
and 17-18, Jul and Sep 1955, pp 304-
311 and 429-437.

SLA 57-3311

Sci

Aug 58

72,480

The Application of Sodium Aluminate in Paper
Manufacture. Part I. The Influence on the
Retention of Pulp Without Resin Addition, by T.
Floets, L. Scheuring, 36 pp.

GERMAN, per, Das Papier, Vol IX, No ²12/14, Jul 1955,
p 311.

SLA Tr 57-932

Sci. - Chemistry
Feb 58

58,504

Application to the Polystyrene Replica Technique to the Characterisation of Paper Surfaces, by G. Jayne and M. Harders-Steinhauser, 2 pp.

GERMAN, par, Das Papier, Sep 1955, pp 437-439.

SLA Tr 57-1786

Sci

Jul 58

67,943

Silicic Acid Fillers in the Paper Industry, by E.
Podschus and C. Klein, 9 pp.

GERMAN, per, Das Papier, Vol IX, No 23-24, Dec
1955, p 584.

SIA Tr 87-1736

Sci

Jul 58

67,950

62-12448

Jayme, G. and Bergmann, W.
OXYGEN-INSENSITIVE ALKALINE CELLULOSE
SOLUTIONS (Über Sauerstoffunempfindliche
Alkalische Cellulose-Lösungen) tr. by H. A. G. Nathan
1961, 8p. 4 refs. NRCC Technical Trans. 989.
Order from NRCC \$0.50 NRCC C-3841

Trans. of das Papier (West Germany) 1956, v. 10,
no. 5/6, p. 88-90.

DESCRIPTORS: *Cellulose, Cellulose chemistry,
Chemistry, Organic solvents, Viscosity, Measure-
ment, Oxygen, Chemical reactions.

In continuing the investigations of the sodium-ferri-
tartaric acid complex, $[(C_4H_3O_6)_3Fe]Na_6$, dissolved
in sodium hydroxide solution, i.e. the new solvent
recently found by Jayme, the oxygen sensitivity of the
cellulose solutions thus obtained was studied. Vis-
(Materials-Paper, TT, v. 8, no. 7) (over)

- I. Jayme, G.
- II. Bergmann, W.
- III. NRCC TT-989
- IV. NRCC C-3841
- V. National Research Council
of Canada

Office of Technical Services

Research at Zellstoffabrik Waldhof, by Hans Wessling,
21 pp.

GERMAN, per, Das Papier, Vol X, No 78, 1956,
pp 123-134.

SLA 59-10156

Sci - Chem
Sep 59
Vol 2, No 1

97,744

Rough Preliminary Calculation of the
Effectiveness of Diffusion Washing, by H.
W. Schnippel, 13 pp.

CONFIDENTIAL, per, Das Papier, Vol X, No 11-12,
Jan 1956, p 240.

SLA Tr 57-1737

Sci

Jul 58

67,951

TT-65-12002

Field 11L

Stroele, U.; Teves, D.
THE CONTROL OF PITCH PROBLEMS WITH DISPER-
SANTS. 20p, (7 figs omitted) 5 refs.
Order from SLA: \$1.60 as TT-65-12002

Trans. of the Papier (West Germany) v10 n13/14 p264-70
1956.

I. Stroele, U.
II. Teves, D.

MR 624

Study of the Determination of Net Sheet Resistance
Factor During Countering by Means of Table Rolls,
by Herbert Mayer, 9 pp.

GERMAN, per, Den Papier, Vol ~~48~~⁵⁸, No 13/14, 1956,
pp 295-300.

SIA 59-10307

Sci
Nov 59
Vol 2, No 3

101,534

Boasting Control With the Inset Fiber Separator, W.
W. Brecht, A. Pohl, 9 pp.

GERMAN, per, Das Papier, Sep 1956.

SLA tr 57-1174

Sci - Engineering
Feb 58

58,498

The Effect of Wire Structure on Fibre Drainage
Study on Stationary Screen, by W. Brecht, H.
Briert and W. Volk, 13 pp.

CHENIAN, per, Das Papier, Sep 1956, pp 395-402.

SIA Tr 57-1720

Sci

Jul 58

67,935

Properties of Spruce Sulphate Pulp in a State of
Biological Preservations, by G. Jayme, L. Kohler,
W. L. Haas, 19 pp.

GERMAN, per, Das Papier, Vol X, Nov, Dec 1956,
pp 405, 540.

SIA Tr 57-675

Sci - Biol

53,131

Sep 57

Ploetz, T. and Hohenschutz, H.
APPLICATION OF SODIUM ALUMINATE IN PAPER
MANUFACTURE. III. EFFECTS OF THE SYSTEM
ALUM-SODIUM ALUMINATE ON INITIAL WET
STRENGTH. 21963] 4p 3refs
Order from SLA \$1.10

63-18775

Trans. of das Papier (West Germany) 1956, v. 10,
p. 406-409.

DESCRIPTORS: *Papers, *Wood pulp, Preparation,
Additives, *Aluminum compounds, Ammonium com-
pounds, Sulfates, *Sodium compounds, *Aluminates,
Tensile properties.

A 3% consistency alum-sodium aluminate mixture was
added to a pulp of 70% pine groundwood and 30% un-
bleached pine sulfite kraft. The aluminum hydroxide
gels thus formed in the fiber slurry resulted in
significant increases in initial wet strength properties.
(Materials--Paper, TT, v. 10, no. 12) (over)

63-18775

I. Ploetz, T.
II. Hohenschutz, H.
III. Title: Effects...

Office of Technical Services

Some Determinations of the Surface Temperature of Drying Cylinders, by A. T. Garlender, 7 pp.

CHESMAN, per, Das Papier, Vol X, No 17-18, 1956, p 413.

SLA Tr 57-1744

Sci

Jul 58

ASL 103
68-103

67,939

The Influence of Drying Strains on Some
Properties of Paper, by W. Brecht, A. Ger-
sback, and W. Hilderbrand, 13 pp.

GREGIAN, per, Das Papier, Vol X, No 19-20,
Oct 1956, pp 454-458.

SLA Tr 57-1721

Sci

Jul 58

67,936

Dry Content and Initial Wet Strength After Laboratory
Section Draining, by W. Brecht, A. Gersbach, 6 pp.

^{and}
GERMAN, Das Papier, Vol X, No 23-24, 1956, p 535.

SLA 58-258

Sci

Aug 59

94,187

Properties of Spruce Sulphate Pulps in a
State of Biological Preservation, by G. Jayne,
L. Kohler, W. L. Hans, 10 pp.

GERMAN, per, Das Papier, Vol X, No 23/24,
1956, pp 540-545.

BIA 59-10157

Sci Chem
Jun 59
OTS I, 10

89, 7/6

Ploetz, T[heodor] and Scheuring, L[udwig].
THE APPLICATION OF SODIUM ALUMINATE FOR PAPER
MAKING. IV. THE INFLUENCE OF ALUMINATE ON
ROSEN SEIZING. [1964] 16p 7 refs
Order from SLA \$1.60

TT-64-16043

Trans. of Das Papier (West Germany) 1956, v. 10,
no. 23/24, p. 546-53.
Another translation is available from SLA as 53-2639
(29p).

(Materials--Paper, TT, v. 12, no. 4)

TT-64-16043

- I. Ploetz, T.
- II. Scheuring, L.
- III. Title: Influence ...

Office of Technical Services

The Distribution of Filler Through the
Cross Section of the Paper Thickness,
by H. Mack, B. Klein, 3 pp.

GERMAN, per, Papier, Vol. X, 1956, pp 564-
566.

CSIRO

Sci. - Chem
Nov 61

SLA 57-2905

174,407

Progress in Research and Technique of
Wood Pulp in America, by T. N. Klein-
ert, 16 pp.

GERMAN, per, Das Papier, Vol. XI, No 1-2,
Jan 1957, pp 14-21.

SLA 57-3191

Sci

Aug 58

72,511

The Influence of Various Chemical Auxiliary
Products in the Manufacture of Printing Papers,
by H. Wilfinger, 9 pp.

GERMAN, per, Das Papier, Vol XI, No 1-2, Jan 1957,
pp 106.

SIA Tr 57-835

Sci - Chem

53,122

Sep 57

Bucher, H[ans].
REACTIONS DURING THE PARCHMENTIZATION OF
PULP WITH SULFURIC ACID. [1960] 13p.
Order from ATS \$17.95 ATS-45M46G

Trans. of das Papier (West Germany) 1957, v. 11,
no. 7/8, p. 125-133.
Another translation is available from SLA ml\$2.40,
ph\$3.30 as 60-16801 [1960] [12]p.

146,914

(Materials--Paper, TT, v. 5, no. 5)

61-12399

1. Sulfuric acid--Chemical reactions
2. Wood pulp--Processing
- I. Bucher, H.
- II. ATS-45M46G
- III. Associated Technical Services, Inc.,
East Orange, N. J.

also OTS 60-16801

Office of Technical Services

Production Of Tannin and Pulp From Young Black
Locust Wood by G. Jayme and H. Semmler.

GERMAN, per, Das Papier, Vol XI, No 17/18, 1957,
pp 396-398.

CSIRO Tr 3872

Oct. 62

Caustic Concentration, X-Ray Pattern of Na
Cellulose I and Cellulose Xanthate and also
the State of Dissolution of the Viscose and
Their Correlations, by W. Koblitz, H. Kiessig,
21 pp.

GERMAN, per, Das Papier, Vol XI, No 17/18,
1957, pp 399-407.

SLA 59-10281

Sci Chem
Jun 59
QNS I, 10

89, 717

Contribution to the ~~23~~ Microstructure of Beech Pulp
Fibres: The Variable Diameter of Microfibrils, by
G. G. Myer, H. Koburg, 3 pp. 14

GERMANY, par, Das Papier, Vol XI, No 19-20, 1957,
p 443.

SLA 58-281

Sci

Aug 59

94, 191

Secondary Fluorescence in Bleached Sulphite and Sulphate Pulps, by Georg Jayme, Gerhard Bauer, Marianne Harders-Steinhauser, 10 pp.

GERMAN, per, Das Papier, Vol XI, No 8 23/24, 1957, pp 536-539.

SLA 59-10279

Sci - Engr

OTS I, 9

Jun 59

89,542

The Ultra-Texture of Fibrous Materials, by Kurt
Bass, 30 pp.

GERMAN, par, Das Papier, Vol XI, No 23/24, 1957,
pp 553-562.

SLA 59-10280

Sci - Chemistry

Jun 59

OTS I, 10

89,751

Determination of Yield of Spruce and Beech Sulphite
Pulps by Means of D. P. Measurement, by Alfred
Ogalt, 17 p.

GERMAN, per, das Papier, 1958, Vol XII, No 7/8,,
pp 126-136.

SLA 59-20052

Sci
Feb 60
Vol 2 No 10

108,904

Aliphatic Solutions of Transition Metal
Sodium Complex (MARE) and their Use in Cellu-
lose Chemistry, by G. Jayne, E. Bergman.

CHERMAN, per, Reptier, Vol III, No 9/10.
1958, pp 187-196.

CEIRO

Sol. Chem
Vol. 62

207, 476

Effect of Swelling on the Beating Degree and
Strength Development of Sulphite Pulps in
Continuously Operating Stock Preparation Plant,
by F. Wulsch, L. Weissman,

GERMAN, pap., Papier, Vol XII, No 9/10,
pp 204-210. 1958

C.S.I.R.O.
SLA 58-2632

Sci -

May 60

116,128

The Study of the Effect of Beating on Pulp, by
G. van Nederveen, 18 pp.

CHERMAN, per, das Papier, Vol XII, No 11/12,
1958, pp 267-273.

SLA 59-15320

Sci
Dec 59
Vol 2, No 4

103,111

Recent Experiences in Complete Planning of
Industrial Plants, as Demonstrated by Examples
from the Pulp and Paper Industry, by Paul
Gollwitzer, 25pp
GERMAN, per, das Papier, Vol 12, 1958, No 13/14
pp 318-334
SIA TT-64-16165

Sci - Mat
June 67

327,508

Study of the Determination of the Sizing Effect
According to Cobb, by Joseph Kaltenbach, 18 pp.

GERMAN, per, Das Papier, Vol XII, No 13/14, 1958,
pp 342-350.

SLA 59-10985

Sci - Chemistry
Sep 59
Vol II, No 2

98,645